

Bellwork: 11/28/12

6

At the beginning of her mathematics class, Mrs. Reno gives a warm-up problem. She says, "I am thinking of a number such that 6 less than the product of 7 and this number is 85." Which number is she thinking of?

(1) $11\frac{2}{7}$

(3) 84

(2) 13

(4) 637

$$\begin{array}{r} 7x - 6 = 85 \\ + 6 \quad + 6 \\ \hline 7x = 91 \quad x = 13 \end{array}$$

7

Tara buys two items that cost d dollars each. She gives the cashier \$20. Which expression represents the change she should receive?

(1) $20 - 2d$

(3) $20 + 2d$

(2) $20 - d$

(4) $2d - 20$

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HW #41 and 43

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